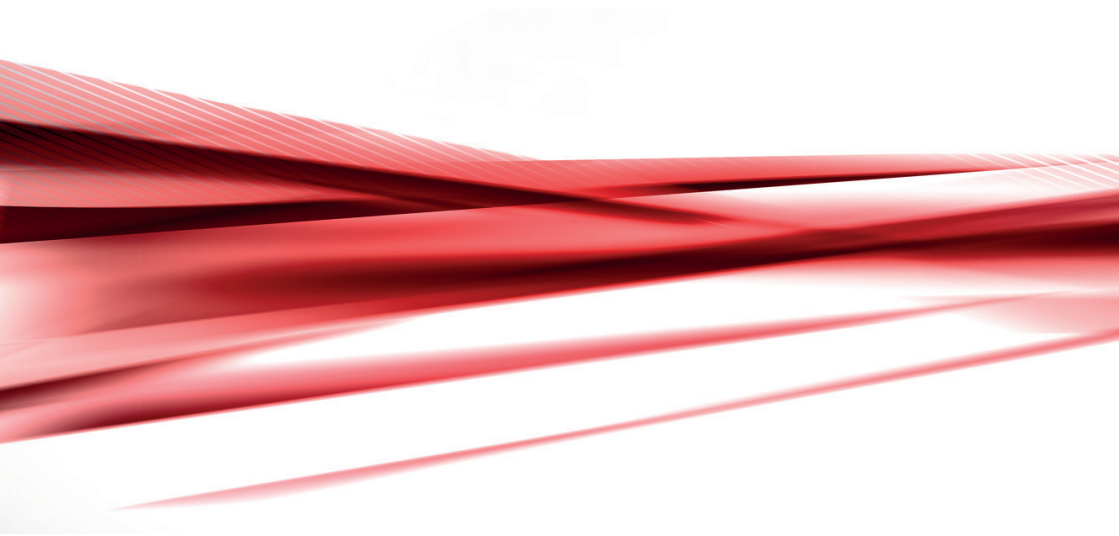
ZENEC



PRIME/ESSENTIAL
DEVICE USER MANUAL

EN

Device user manual for ZENEC media system

We are delighted that you have chosen a product from ZENEC.

The more familiar you make yourself with the functions of the ZENEC system the more confident you will be in operating it. Please read this operating manual before you start your new ZENEC system. In this device user manual you will find important instructions and information for the safe operation of the ZENEC system, and to help you make the most of its technical advantages.

For more information please visit the official homepage, or contact an authorized ZENEC dealer (zenec.com - dealers).

ZENEC wishes you a good and safe journey!

About this manual

This device user manual gives a description of all the equipment or model variants of the ZENEC systems. In addition, optional equipment or features of the vehicle are described that may not be included as standard in your vehicle. These are not identified for each and every individual case. Therefore equipment or features will be described that may not be in your ZENEC system or vehicle. More information can be obtained from your authorized ZENEC dealer.

All the information in this manual corresponds to the state at the time of going to press, and applies only to ZENEC systems in original condition. On account of possible updates to device software, the illustrations and features shown in this operating manual may be different from your ZENEC system. Differences in the information, illustrations or features cannot form a basis for any claims.

If you sell your vehicle with the ZENEC system still fitted, please ensure that this operating manual stays with the vehicle, and that any personal data like a phonebook stored in the device is deleted.

Resetting:
Settings → Device Configuration → Help → Factory Setting

BEFORE FIRST USE

- ✓ The safety instructions of the vehicle manufacturer, and the instructions given in this operating manual are all generally applicable.
- ✓ Please pay attention to the safety instructions on the ZENEC system.
- ✓ Before starting your journey make yourself familiar with the operation of the ZENEC system.
- ✓ Please use only suitable media for audio modes.
- ✓ If the ZENEC system has been disconnected from the power supply before use, it will be necessary to carry out a Sat-Fix before using the navigation system.

Sat-Fix:
Special User Manual → Navigation

SAFETY INSTRUCTIONS

⚠ CAUTION

If the driver of the vehicle is distracted, this may lead to an accident or injury. Operating the ZENEC system can distract attention from the general traffic situation! Equally, connecting, changing or inserting data media can distract the driver from the general traffic situation.

⚠ CAUTION

Devices, like mobile phones or removable storage devices, that are not fixed or are inadequately secured can be thrown through the interior of the vehicle by a sudden driving maneuver or an accident, thereby causing injury to vehicle occupants.

⚠ CAUTION

When the housing of a CD/DVD player is opened injuries may be caused by invisible laser radiation.

Modifications of the ZENEC system may only be carried out by specialists authorized by ZENEC!

⚠ CAUTION

Always choose loudspeaker settings such that acoustic signals coming from outside can always be heard in the vehicle (e.g. signal horns or sirens).

⚠ CAUTION

Incorrect installation or commissioning of the ZENEC system may cause damage to the ZENEC system or to the vehicle electronics. Only let qualified specialists authorized by ZENEC install the device.

⚠ CAUTION

This ZENEC system is intended solely for operation at an on-board voltage of 12 V DC. Operating the ZENEC system at any other voltage can cause damage to the ZENEC system or to the vehicle electrical system.

⚠ CAUTION

Taking apart or modifying the ZENEC system can result in damage to the device or the vehicle. Opening the device or modification by a person not authorized by ZENEC will render warranty claims null and void.

In the event of a malfunction or defect please contact an authorized ZENEC dealer. Unauthorized repairs will render warranty claims null and void.

⚠ CAUTION

A volume level that is set too high can damage the hearing. This is also true when the volume level is very high just for a short time.

Changing or connecting an audio source can lead to sudden fluctuations in the volume level.

⚠ CAUTION

The connection and charging leads of external mobile devices can get in the way of the driver. Please run these so that the driver's freedom of movement is not hindered.

⚠ CAUTION

Route recommendations and displayed traffic signs on the ZENEC system may differ from the real situation. Traffic signs and traffic regulations have precedence over route recommendations and indications of the ZENEC systems.

Speed data displayed in the navigation system corresponds to the permitted speed limit. Please adjust your speed and driving behavior to the prevailing visibility, weather, road, and traffic conditions.

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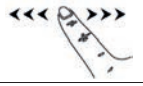
NOTE

*Please pay attention to the Device Quick Start Guide to learn more about the vehicle integration.

MAIN MENU

Fig. 1/01

MAIN FUNCTIONS

Function	Icon	Operation
Slide		Navigate in the main menu by sliding to the left or right

ADDITIONAL FUNCTIONS

Function	Icon	Operation
Move		Press and hold to move an icon to the desired position
Quick access		For quick access you can drag icons that you want into the header (max. 4 icons).
Recycle bin		By touching and holding, you can move main menu icons that you no longer require or use into the recycle bin. Conversely, you can retrieve icons from the recycle bin by dragging them up into the header.

Main sources

When you are in a source overview, return to the main menu by touching the main icon you require, or by pressing the HOME button.

Function	Icon	Operation
Tuner		Touch to select radio playback (FM/AM/DAB+) Device User Manual → Entertainment → Radio S. 13
Media Audio		Touch to select audio playback (DVD/USB/SD/A2DP/Apple) Device User Manual → Entertainment → Media Audio S. 23
Media Video		Touch to select video playback (DVD/USB/SD/Apple) Device User Manual → Entertainment → Media Video S. 38
Input		Touch to select external sources Device User Manual → Entertainment → Input S. 42
M-Zone		Touch to select playback of rear seat entertainment Device User Manual → Entertainment → M-Zone S. 46
Communication		Touch to select Bluetooth mode Device User Manual → Hands-free System S. 49
Navi		Touch to select navigation mode Device User Manual → Navigation S. 58
Settings		Touch to access the system parameter settings Device User Manual → Settings S. 64
CAR		Touch to select the vehicle-specific settings Device Quick Start Guide → CAR (separately)
Recycle bin		For icons that are not needed in the main menu See additional functions S. 7

NOTE

Inactive icons that are grayed out cannot be selected.

Global controls

This list describes global controls and their functions that you will find in different sources of the ZENEC system. The function will always be the same: only the displayed content changes, depending on the source.

Function	Icon	Operation
List		Touch to display a list in the form of text
Tile		Touch to display a list in the form of tiles (images)
Search		Touch to start a search
Back		Touch to go back one level

SEARCH & INPUT

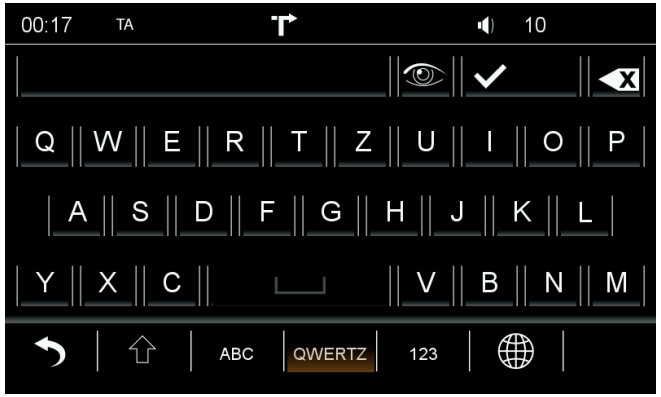


Fig. 1/02

In each of the sources you have the option to make selections using a search function . On this page we show you how to use the search mask.

Function	Icon	Operation
Security		Touch to show or hide the input on the display
Select		Touch to display the current selection (the number of hits will be shown in brackets)
Delete		Touch to delete one character Hold down to delete the complete input
Back		Touch to end the search or input
Upper/Lower		Touch to write a character in upper or lower case Double touch to write all the following characters in upper or lower case.
Keypad		Touch to change the keypad layouts QWERTY Keypad assignments like PC keyboard with Y QWERTZ Keypad assignments like PC keyboard with Z ABC Alphabetic keypad assignments GREEK Geek keypad assignments HEBREW Hebrew keypad assignments CYRILLIC Cyrillic keypad assignments

NOTE

The functions **Security** and **Upper/Lower** are only enabled in the password function.

ENTERTAINMENT

ABOUT THIS CHAPTER

This chapter describes how to operate and use the audio and video sources. In addition, optional equipment or features of the vehicle are described that may not be included as standard in your vehicle. These are not identified for each and every individual case. Therefore equipment or features will be described that may not be in your ZENEC system or vehicle. More information can be obtained from your authorized ZENEC dealer.

SAFETY INSTRUCTIONS

CAUTION

Only operate the audio playback or radio while driving when the traffic situation allows.

CAUTION

If the driver of the vehicle is distracted, this may lead to an accident or injury. Operating the ZENEC system can distract attention from the general traffic situation! Equally, connecting, changing or inserting data media can distract the driver from the general traffic situation.

CAUTION

Always choose loudspeaker settings such that acoustic signals coming from outside can always be heard in the vehicle (e.g. signal horns or sirens).

CAUTION

According to the law, the operation of the video playback while driving is not permitted. For this reason, the picture switches off as soon as the vehicle moves.

CAUTION

Changing or connecting an audio source can lead to sudden fluctuations in the volume level. This should be borne in mind before changing or connecting an audio source.

CAUTION

The connection and charging leads of external mobile devices can get in the way of the driver. Please run these so that the driver's freedom of movement is not hindered.

CAUTION

A volume level that is set too high can damage the hearing. This is also true when the volume level is very high just for a short time.

NOTE

A compatibility overview of useful devices together with memory sizes and formats can be found at www.zenec.com.

BEFORE FIRST USE

- ✓ The safety instructions of the vehicle manufacturer, and the instructions given in this operating manual are all generally applicable.
- ✓ Please pay attention to the safety instructions on the ZENEC system.
- ✓ For the reception of digital radio stations a suitable antenna system must be installed in the vehicle. If you have questions please contact your authorized ZENEC dealer.

Sources

Fig. 2/01

Icon	Function
	Radio (FM/AM/DAB+) Device User Manual → Entertainment → Radio S. 13
	Audio playback (CD/Harddisc/A2DP/Apple interface/Gracenote) Device User Manual → Entertainment → Media Audio S. 23
	Video playback (DVD/Harddisc) Device User Manual → Entertainment → Media Video S. 38
	External connections (Smartlink/Camera/AV-IN) Device User Manual → Entertainment → Input S. 42
	Rear seat entertainment Device User Manual → Entertainment → M-Zone S. 46

RADIO

Overview

Fig. 2/02

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Radio bands

The ZENEC system enables you to receive radio stations via FM, AM or DAB+. The reception of the individual radio bands is dependent on the position of the antenna in your vehicle. Thus not all vehicles from the factory come with antennas designed for digital radio reception. If your vehicle antenna is not DAB capable, contact your ZENEC dealer for a retrofit.

Icon	Function
FM	Reception of analog radio stations using FM Entertainment → Radio → FM S. 15
AM	Reception of analog radio stations using AM Entertainment → Radio → AM S. 18
DAB+	Reception of digital radio stations using digital audio broadcasting Entertainment → Radio → DAB+ S. 20
	Store radio stations (FM/AM/DAB) Entertainment → Radio → Store Station S. 22

Radio operation FM

Fig. 2/03

Function	Icon	Operation
Station back		Touch to jump back one station in the folder
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Station forward		Touch to jump forward one station in the folder
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Scroll		Touch and hold to move the slider up or down
Band	Band	Touch to access the the desired radio band (DAB/FM/AM)
Info		Touch to access station information
Folder		Touch to access station lists (lists all receivable radio stations in the surrounding area)
Preset	Preset	Touch to access stored radio stations (18 presets across all bands) Entertainment → Radio → Store Station S. 22
		Touch to access the radio frequency scale
TA	TA	Touch to switch on or off the automatic changeover to stations with traffic announcements

Station list FM

Fig. 2/04

This view gives you a list of receivable stations in the region you are driving through. The list is by station identification, and not in alphabetical order.

Function	Icon	Operation
Station back / Station forward		The functions Station back/Station forward in the previous view (Fig. 2/03) refer to the radio stations available here.
Scroll		Touch and hold to move the slider up or down. Touch and hold your finger on the list to move the list up or down.
Radio band	FM	Indicates the frequency band (FM/DAB)
Station name		If the station name is transmitted via RDS, this will appear in the list. If no station name is available then its frequency will be displayed.
Actual station	▷	This station is currently playing.

Manual station search FM

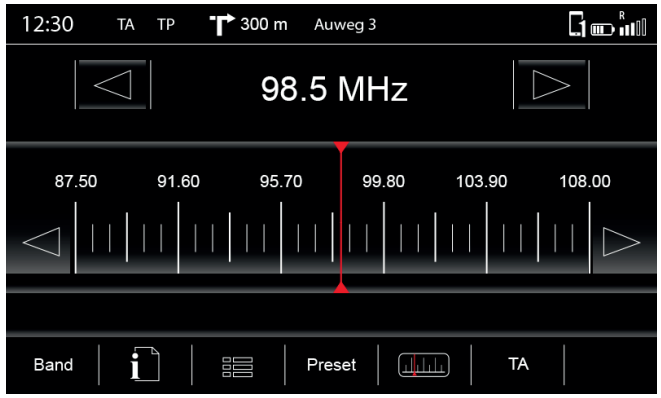

Fig. 2/05

Function	Icon	Operation
Station back		Touch to jump back one station
Station Forward		Touch to jump forward one station
Frequency Back	◁	Touch to jump back 50 KHz
Frequency Forward	▷	Touch to jump forward 50 KHz
Manual Search		Hold down and move until the desired frequency is reached.

Radio operation AM

Fig. 2/06

Function	Icon	Operation
Station back		Touch to jump back one station in the folder
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Station forward		Touch to jump forward one station in the folder
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Band	Band	Touch to access the the desired radio band (DAB/FM/AM)
Info		Touch to access station information
Preset	Preset	Touch to access stored radio stations (18 presets across all bands) Entertainment → Radio → Store Station S. 22
Scale		Touch to access the radio frequency scale
TA	**TA**	Touch to switch on or off the automatic changeover to stations with traffic announcements

Manual station search AM

Fig. 2/07

Function	Icon	Operation
Station back		Touch to jump back one station
Station Forward		Touch to jump forward one station
Frequency Back		Touch to jump back 9 kHz
Frequency Forward		Touch to jump forward 9 kHz
Manual Search		Hold down and move until the desired frequency is reached.

Radio operation DAB

Fig. 2/08

Function	Icon	Operation
Station back		Touch to jump back one station in the folder
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Station forward		Touch to jump forward one station in the folder
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Scroll		Touch and hold to move the slider up or down
Band	Band	Touch to access the the desired radio band (DAB/FM/AM)
Info		Touch to access station information
Folder		Touch to access station lists (lists all receivable radio stations in the surrounding area)
Preset	Preset	Touch to access stored radio stations (18 presets across all bands) Entertainment → Radio → Store Station S. 22
Scale		Touch to access the radio frequency scale
TA	TA	Touch to switch on or off the automatic changeover to stations with traffic announcements

Station list DAB

Fig. 2/09

This view gives you a list of receivable stations in the region you are driving through. The list is by station identification, and not in alphabetical order.

Function	Icon	Operation
Station back Station forward		The functions Station back /Station forward in the previous view (Fig 2/0x) refer to the radio stations available here.
Scroll		Touch and hold to move the slider up or down Touch and hold your finger on the list to move the list up or down
Folder		Indicates the receivable channel (e.g. 8 D) in which the assigned stations are respectively located.
Radio band	DAB	Indicates the frequency band (DAB/FM/AM)
Station Name		Station name that ist displayed
Actual station		This station is currently playing

Search/Store radio stations

Fig. 2/10

There are various ways for you to store a radio station. Storing depends on the radio band.

Function	Icon	Operation
Station	**99.90 MHz**	This station is currently playing.
Station back		Touch to skip to previous preset
Station forward		Touch to skip to next preset
Stores		Touch and hold to store the station at the desired store Once the station is stored the icon of the radio band and the frequency or station name appear
Store register		Touch to go to another store register (3 registers each with 6 stores)

MEDIA AUDIO

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Gracenote
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Mood ..... S. 34

Settings
Device User Manual → Settings → Media Configuration ..... S. 68

Music sources

Function	Icon	Operation
Hard disk		Touch to access hard disk playback (USB/SD) Entertainment → Media Audio → Hard Disk S. 28
DVD		Touch to access the DVD playback (CD/DVD) Entertainment → Media Audio → DVD S. 27
iPod		Touch to access the playback with Apple devices Entertainment → Media Audio → iPod S. 30
BT Music		Touch to access the BT Music playback (A2DP) Entertainment → Media Audio → BT Music S. 29
Gracenote		Overview of Gracenote functions Entertainment → Media Audio → Gracenote S. 32-37

NOTE

A wide range of data media can be connected to the ZENEC system. The latest compatibility overview of useful devices together with memory sizes and formats of the media supported can be found at www.zenec.com.

SCREEN

Footer

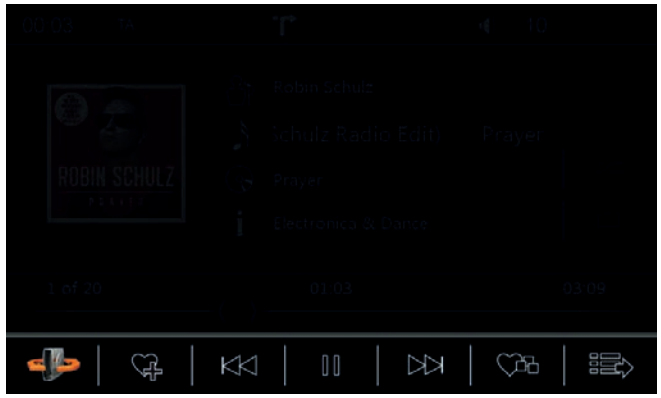

Fig. 2/12

Function	Icon	Operation
Source		Touch to go to the available sources.
MLT		Touch to generate a playlist Entertainment → Media Audio → Gracenote S. 32
Back		Touch to skip to the previous track
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Play		Touch to play a track
Pause		Touch to pause at a track
Forward		Touch to skip to the next track
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Mood		Touch to go to Gracenote mood selection Entertainment → Media Audio → Gracenote S. 32
Playlist		Touch to display the folder and list

NOTE

The listed Gracenote functions MLT and Mood are not available in all sources.

Middle

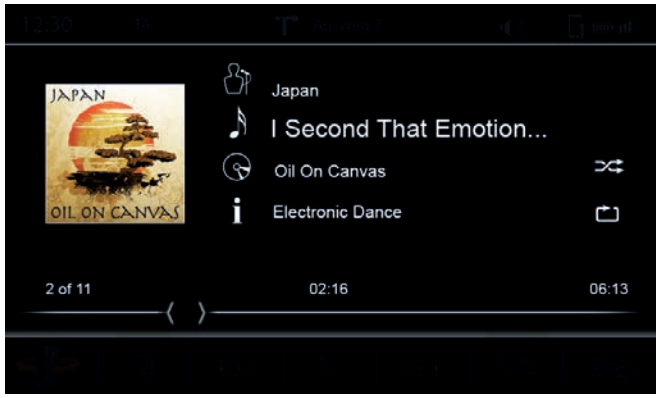

Fig. 2/13

Function	Icon	Operation
Cover		If a cover is stored on the music media, or via Gracenote, it can be displayed. This function is not supported for CD/DVD and BT Audio playback.
Artist		Information about the artist Touch to search for artists is only possible with Gracenote enabled.
Track		Information about the track Touch to search for tracks is only possible with Gracenote enabled.
Album		Information about the album Touch to search for albums is only possible with Gracenote enabled.
Genre		Information about the genre (only possible with Gracenote enabled)
Shuffle		Touch to turn on the random play feature within the folder that is playing
Repeat		Touch to automatically repeat a track
Jump		Touch or slide to skip within a track

DVD Audio

If a CD or DVD with music files is inserted into the ZENEC system, you can play back using this music source. The requirements of CD or DVD ROMs, and file formats can be found at www.zenec.com for a particular product under device compatibility.

Function	Icon	Operation
Source		Touch to go to the available sources
Back		Touch to skip back to the previous track Hold down to skip backwards
		Swipe to the right to skip back to the previous track
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Play		Touch to play a track
Pause		Touch to pause a track
Forward		Touch to skip forward to the next track Hold down to skip forwards
		Swipe to the left to skip forwards to the next track
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Playlist		Touch to display the folder list Entertainment → Media Audio → Playlist S. 31
Skip		Touch or slide to skip within a track
Shuffle		Touch for random play
Repeat		Touch to automatically repeat a track

Hard disk

If a USB stick or SD card with music files is plugged into the ZENEC system, you can play back using this music source. The requirements of USB, SD cards, and file formats can be found at www.zenec.com for a particular product under device compatibility.

Function	Icon	Operation
Source		Touch to go to the available sources
MLT		Touch to generate a playlist Entertainment → Media Audio → Gracenote S. 32
Back		Touch to skip back to the previous track Hold down to skip backwards
		Swipe to the right to skip back to the previous track
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Play		Touch to play a track
Pause		Touch to pause a track
Forward		Touch to skip forward to the next track Hold down to skip forwards
		Swipe to the left to skip forwards to the next track
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Mood		Touch to go to Gracenote mood selection Entertainment → Media Audio → Gracenote S. 32
Playlist		Touch to display the folder list Entertainment → Media Audio → Playlist S. 31
Skip		Touch to skip direct to the desired position Slide to reach the desired position
Shuffle		Touch for random play
Repeat		Touch to automatically repeat a track

BT Music (A2DP)

If a compatible mobile device is paired via Bluetooth®, you can play back using this music source. The requirements of mobile end devices can be found at www.zenec.com for a particular product under device compatibility.

Function	Icon	Operation
Source		Touch to go to the available sources
Back		Touch to skip back to the previous track Hold down to skip backwards
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Play		Touch to play a track
Pause		Touch to pause a track
Forward		Touch to skip forward to the next track Hold down to skip forwards
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Device		Touch to change between the connected mobile devices*
Shuffle		Touch for random play
Repeat		Touch to automatically repeat a track

NOTE

*The changeover applies only for music playback, and has no effect on the hands-free system.

NOTE

The listed functions depend on the paired mobile phone, installed software versions and the degree of compatibility.

iPod

If a compatible Apple device is connected, you can play back using this music source. The supported Apple devices can be found at www.zenec.com for a particular product under device compatibility.

Function	Icon	Operation
Source		Touch to go to the available sources
Back		Touch to skip back to the previous track Hold down to skip backwards
		Swipe to the right to skip back to the previous track
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Play		Touch to play a track
Pause		Touch to pause a track
Forward		Touch to skip forward to the next track Hold down to skip forwards
		Swipe to the left to skip forwards to the next track
		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
Playlist		Touch to display the folder list Entertainment → Media Audio → Playlist S. 31
Skip		Touch to skip direct to the desired position Slide to reach the desired position
Shuffle		Touch for random play
Repeat		Touch to automatically repeat a track

Playlists

There are various playlists. In general we distinguish between the standard and the Gracenote playlists.

Function	Icon	Operation
Folder		Touch to go to the next higher level
Folder		Touch to go to the highest folder level Hold to go to the hard disk overview (root)
Playlist		Listing of iPod device playlists (only available with iPod playback)
Song		Listing by song
Artist		Listing by artist
Album		Listing by album
Genre		Listing by genre
Mood		Sorting by mood
Podcast		Listing of iPod podcast directory (only available with iPod playback)
Scroll		Scroll through the list: Touch and hold to move the slider up or down Tap and hold your finger on the list to move the list up or down.

Further functions in tile view (only possible with artist and album for Gracenote)

Function	Icon	Operation
Tile		Touch the desired cover to make a selection
		Touch to play the selection (only for album)
		Touch to cancel the selection (only for album)

GRACENOTE

The Gracenote functions can be used for playback via USB or SD card. When a music source is connected, Gracenote synchronizes with the source. This process can take some minutes, depending on the size of the music source connected. An update for the Gracenote database can be downloaded from www.zenec.com → Support → Software-updates under the particular ZENEC system.

Function	Icon	Operation
MLT		This function generates a playlist based on the song currently playing Audio → Gracenote → Playlist S. 33
Title		Touch to list the available titles A > Z
Artist		Touch to list the available artists A > Z
Album		Touch to list the available albums A > Z
Genre		Touch to list the available genres A > Z
Mood		Sorting by mood Audio → Gracenote → Mood S. 34-37
MLT playlist		Touch to access the temporary MLT playlist Audio → Gracenote → MLT Playlist S. 33

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MLT Playlist

Fig. 2/14

This function gives you the option of managing playlists created by the MLT feature. After being saved the MLT playlist will be filled with the names of the artists.

Function	Icon	Operation
Folder		Touch to go to the next higher level
Temporary		By pressing a temporary playlist is created*
Save		Touch the temporary MLT playlist to save it
Delete		Hold down to delete an MLT playlist
		Hold down to delete an MLT playlist song
Scroll		Scroll through the list: Touch and hold to move the slider up or down Tap and hold your finger on the list to move the list up or down

NOTE

*This list will be deleted as soon as the ZENEC system is switched off. To retain this playlist permanently, it must be saved.

NOTE

The deletion of playlists and songs is only possible in the saved MLT playlists. Folders, songs and directories that already exist, or temporary MLT playlists cannot be edited.

Mood

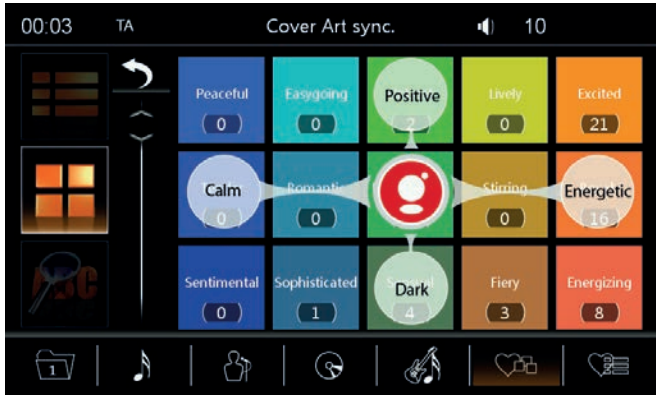


Fig. 2/15

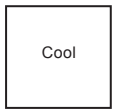
This function gives you the option of playing music from your collection according to your actual mood. Gracenote sorts your music collection into 25 different main categories, each with 4 subcategories, along four main axes (Positive, Dark, Calm, Energetic). In this way you have the choice of categorizing your music playback between 100 different mood styles.

Function	Icon	Operation
Tile		The total number of tracks which match to this mood are displayed inside the tile. Touch one of the main tile to open the sub-categories. Touch one of the sub-categories to start the playback of the playlist.
Mood art	Peaceful	Beside colour-coded classification, the Mood art shows the mood for a Mood Playlist.
Mood title	(53)	Mood title shows the total number of tracks for the chosen mood.

Function	Icon	Operation
Peaceful	Peaceful	Delicate/Tranquil Pastoral/Serene Quiet/Introspective Reverent/Healing
Easygoing	Easygoing	Charming/Easygoing Cheerful/Playful Friendly Hopeful/Breezy
Upbeat	Upbeat	Carefree Pop Happy/Soulful Party/Fun Soulful /Easygoing
Lively	Lively	Exuberant/Festive Lusty/Jaunty Playful/Swingin Showy/Rousing
Excited	Excited	Euphoric Energy Happy Excitement Loud Celebratory Upbeat Pop Groove
Tender	Tender	Awakening/Stately Light Groovy Refined/Mannered Romantic/Lyrical
Romantic	Romantic	Dramatic/Romantic Heartfelt Passion Lush/Romantic Sweet/Sincere
Empowering	Empowering	Dramatic Emotion Idealistic/Stirring Powerful/Heroic Strong/Stable

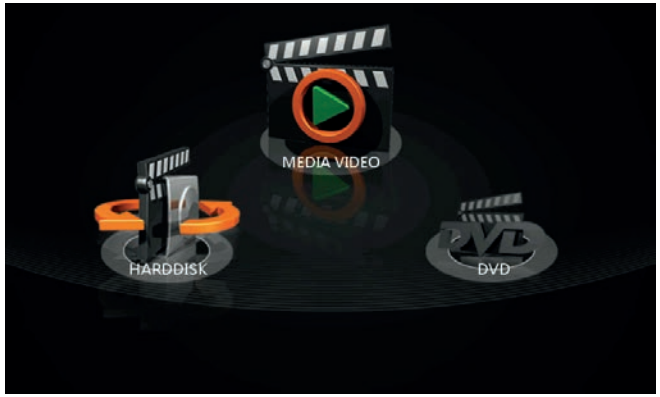
Mood

Function	Icon	Operation
Stirring		Focused Sparkling Invigorating/Joyous Jubiliant/Soulful Triumphant / Rousing
Rowdy		Confident/Tough Driving Dark Groove Ramshackle/Rollicking Wild/Rowdy
Sentimental		Cool Melancholy Gentle Bittersweet Lyrical Sentimental Tender/Sincere
Sophisticated		Dark Playful Intimate Bittersweet Smokey/Romantic Suave/Sultry
Sensual		Dreamy Pulse Intimate Sensual Groove Soft Soulful
Fiery		Dark Sparkling Lyrical Energetic Abstract Groove Fiery Groove Passionate Rhythm
Energizing		Abstract Beat Arousing Groove Edgy/Sexy Heavy Beat
Melancholy		Light Melancholy Mysterious/Dreamy Sad/Soulful Wistful/Folorn

Function	Icon	Operation
Cool		Casual Groove Cool Confidence Dark Groovy Wary/Defiant
Yearning		Bittersweet Pop Energetic Dreamy Energetic Yearning Sensitive/Exploring
Urgent		Dark Pop Dark Pop Intensity Dark Urgent Energetic Anxious
Defiant		Attitude/Defiant Hard Dark Excitement Hard Positive Excitement Heavy Brooding
Somber		Creepy/Ominous Dark Cosmic Enigmatic/Mysterious Solem/Spiritual
Gritty		Depressed/Lonely Gritty/Soulful Sober/Determined Strumming Yearning
Serious		Hypnotic Rhythm Melodramatic Serious/Cerebral Thrilling
Brooding		Alienated/Brooding Dreamy Brooding Energetic Melancholy Evocative/Intriguing
Aggressive		Aggressive Power Chaotic/Intense Dark Hard Beat Heavy Triumphant

MEDIA VIDEO

CONTENTS OF THIS CHAPTER



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Hard disk
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Video sources

Function	Icon	Operation
CD/DVD		Touch to access the DVD playback Entertainment → Media Video → DVD S. 40
Hard disk		Touch to access hard disk playback (USB/SD) Entertainment → Media Video → Hard Disk S. 41

NOTE

A wide range of data media can be connected to the ZENEC system. The latest compatibility overview of useful devices together with memory sizes and formats of the media supported can be found at www.zenec.com.

CAUTION

Playing video files while driving is not permitted by the law. For this reason the screen switches off when the vehicle moves, with only the sound remaining on.

DVD

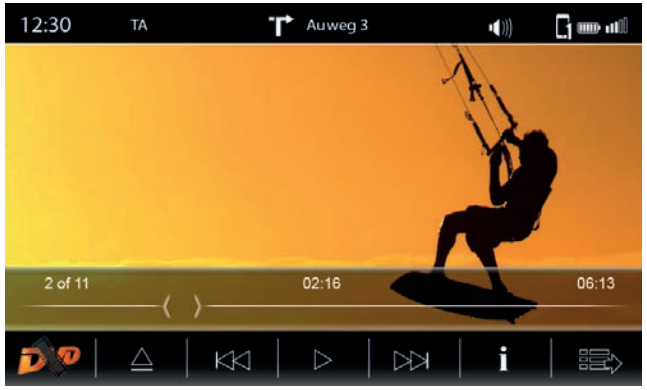

Fig. 2/17

Function	Icon	Operation
Skip		Touch to skip direct to the desired position Slide to reach the desired position
Source		Touch to go to the available sources
Eject		Touch to eject the DVD
Back		Touch to skip back to the previous section
Play		Touch to play a film
Pause		Touch to pause at a track
Forward		Touch to skip forward to the next section
Info	i	Touch to get film information
DVD Menu		Touch to display the DVD menu

Further functions in the DVD menu

Function	Icon	Operation
Navigation	▲ ◀ ▶ ▼	Touch the appropriate arrows to navigate in the video menu
Confirm	OK	Touch to confirm a selection in the video menu

Hard disk

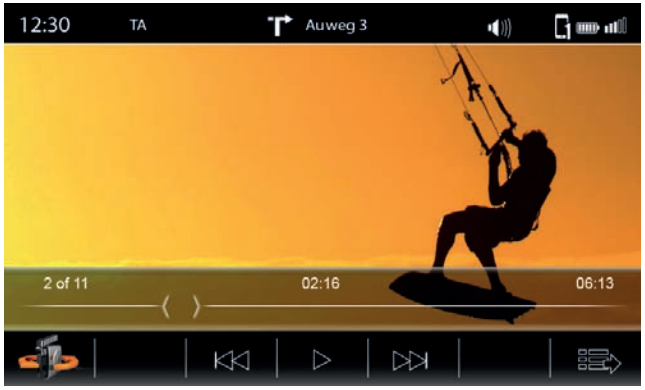

Fig. 2/18

Function	Icon	Operation
Skip		Touch to skip direct to the desired position Slide to reach the desired position
Source		Touch to go to the available sources
Back		Touch to skip back to the previous section
Play		Touch to play a film
Pause		Touch to pause at a track
Forward		Touch to skip forward to the next section
Playlist		Touch to display the folder and list

Further functions in the playlist

Function	Icon	Operation
Navigation	▲ ◀ ▶ ▼	Touch the appropriate arrows to navigate in the video menu
Confirm	OK	Touch to confirm a selection in the video menu

EXTERNAL CONNECTIONS

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A/V-IN
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SMARTLINK
Overview ..... S. 44

Camera
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Device User Manual → Setup → Media Setup ..... S. 85

INPUT Sources

Function	Icon	Operation
A/V-IN		Touch to access the external audio/video Entertainment → Input → A/V-IN S. 44
Camera		Touch to access the camera source Entertainment → Input → Camera S. 45
SMARTLINK		Touch to access the SMARTLINK source Entertainment → Input → SMARTLINK S. 44

NOTE

If no system is connected to a particular source the screen will remain black.

A/V-IN

This combined audio/video input can be used to connect a wide range of external devices. For example, you can use the ZENEC system to listen music via the AUX connection.

> **NOTE**
> This source is a purely passive input: control of the end device from the ZENEC system is not possible.

SMARTLINK

Via the Smartlink connection it is possible to connect mobile phones and multimedia devices to the ZENEC system using a special ZENEC accessory, and control them. In combination with HDMI, Miracast Smartlink interfaces, or a DVB-T tuner separately available from ZENEC, compatible end devices can be connected and controlled.

> **NOTE**
> Further information may be obtained at www.zenec.com, or from an authorized ZENEC dealer.

> **NOTE**
> For further information about the control and operation of compatible end devices, please refer to the relevant user manual for the end device included separately.

Camera

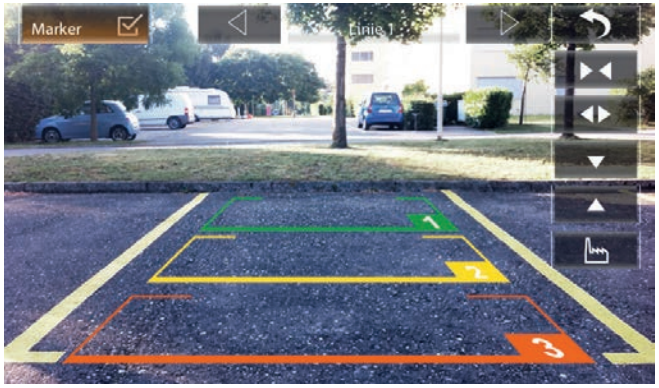

Fig. 2/20

This combined audio/video input can be used to connect a camera, optionally also with sound. If your ZENEC system has a CAM or ALT button, the connected camera can be switched on directly from these buttons.

Function	Icon	Operation
Settings		Touch to adjust the lines
Presentation	Marker ☑	Touch to show or hide the lines
Line fields	Linie 1	Display the line fields (1 – 3) with the arrows ◁ ▷ to change levels.
Back		Touch to exit the settings menu
Together	▶◀	Touch to narrow the current field
Apart	◀▶	Touch to widen the current field
Up	▼	Touch to bring the current field nearer
Down	▲	Touch to push the current field away
Basic setting		Touch to set the lines to the basic setting

> **NOTE**
> To carry out calibration of the assist lines, reverse parallel to the parking space stripes and centrally to the start of the parking space (see fig. 2/20).

REAR SEAT ENTERTAINMENT

CONTENTS OF THIS CHAPTER

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A/V In
Overview ..... S. 48

Front Audio
Overview ..... S. 48

SMARTLINK
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M-Zone sources

If rear seat monitors are connected to the ZENEC system, they can be controlled using the sources locally available, independently of the ZENEC system.

Function	Icon	Operation
CD/DVD		Touch to access the DVD playback Entertainment → M-Zone → DVD S. 48
A/V-IN		Touch to access the external audio/video Entertainment → M-Zone → A/V-IN S. 48
Front Audio		Touch to access the front audio playback Entertainment → M-Zone → Front Audio S. 48
Smartlink		Touch to access the SMARTLINK control Entertainment → M-Zone → SMARTLINK S. 48
M-Zone Off		Touch to switch off the M-Zone

NOTE

The A/V-IN and Smartlink sources can only be used synchronously in the M-Zone and the ZENEC system.

DVD

If additional monitors for the rear seat are connected to the ZENEC system, DVD playback independent of the actual playback on the rear monitors is possible using this function.

A/V-IN

If additional monitors for the rear seat are connected to the ZENEC system, this combined audio/ video input can be used to connect a wide range of external devices, and played independently of the actual playback at the rear.

NOTE

Control is solely via the connected end device.

Front Audio

With this function the actual audio playback at the rear can be played.

SMARTLINK

Via the Smartlink connection it is possible to connect mobile phones and multimedia devices to the ZENEC system using a special ZENEC accessory, and control them. In combination with HDMI, and Miracast Smartlink interfaces, separately available from ZENEC, compatible end devices can be connected and controlled.

NOTE

Further information may be obtained at www.zenec.com, or from an authorized ZENEC dealer.

NOTE

For further information about the control and operation, please refer to the user manual that is included with the Smartlink interfaces.

HANDS-FREE SYSTEM

ABOUT THIS CHAPTER

This chapter describes how to operate and use the hands-free system. In addition, all the equipment variants and functions of the ZENEC system are described, as well as optional equipment of the vehicle manufacturer that may not be included as standard in your vehicle. This section does not refer separately to such issues. Differences from this information, features or functions cannot be used for any claims.

SAFETY INSTRUCTIONS

CAUTION

If the driver is distracted, this may cause an accident or injury.
Operating the ZENEC system can distract attention from the general traffic situation! Equally, connecting, changing or inserting data media can distract the driver.

CAUTION

Using the mobile phone with the hand while driving is not permitted. Only enter data or make changes via the ZENEC system when the traffic situation allows.

CAUTION

While driving always stow your mobile phone so that it cannot be thrown through the vehicle if there is a sudden driving maneuver or an accident.

CAUTION

Network coverage depends on a number of factors – such as the network provider, or the geographical position of the vehicle. Tunnels, underpasses, parking garages, or street canyons in cities may lead to interruption of the connection. Thermal glazing or metallic stickers on the windows of the vehicle may also disrupt the connection.

NOTE

It is only possible to use the functions in this chapter with a paired mobile phone enabled by the ZENEC system. A compatibility list of pairable mobile phones can be found at www.zenec.com.

NOTE

Making phone calls and using mobile communication products both at home and abroad may lead to high costs, depending on the network provider and the contract. This is not indicated by the ZENEC system. No claims against ZENEC can be based on these factors.

BEFORE USING FOR THE FIRST TIME

- ✓ Always follow all the safety instructions of the vehicle manufacturer, and the instructions given in this user manual.
- ✓ Please pay attention to the safety instructions on the ZENEC system.
- ✓ Pairing and synchronizing a suitable mobile phone with the ZENEC system
  Compatibility→ www.zenec.com

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Favorites ..... S. 56
Call logs ..... S. 57

Settings
Setup → BT Configuration → Device Manager ..... S. 70
Setup → BT Configuration → BT Setup ..... S. 73

SCREEN

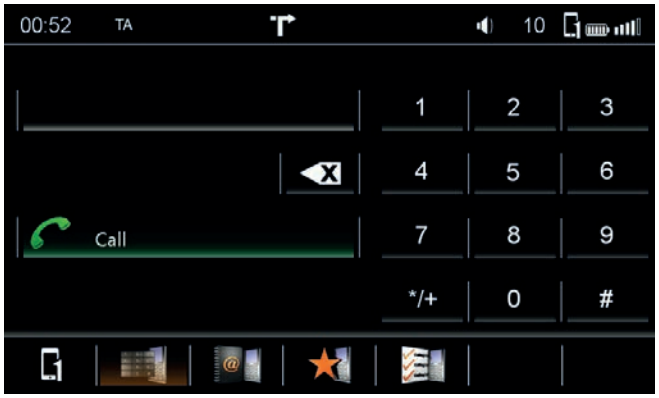


Fig. 3/02

This view will familiarize you with the most important icons and functions. If no mobile phone is found by the hands-free system, or if no mobile phone is paired, you will be automatically directed to the device manager.

Header

Icon	Meaning
	Mobile phone currently connected
TEXT	Name of the current network provider (appears only if there is a call in progress)
	Battery capacity of the mobile phone currently connected
	Signal strength of the mobile network currently connected
R	Appears if roaming is charged by the network provider (for example abroad)

Footer

Function	Icon	Operation
Select Mobile phone		Touch to change the connected mobile phone. A maximum of three mobile phones can be paired, of which two are connected, and one is active. Settings → BT Configuration → Device Manager S. 70
Numeric pad		Touch to enable the numeric pad Hands-free System → Control Panel → Numeric Pad S. 53
Phonebook		Touch to access the phonebook of the currently paired mobile phone Hands-free System → Phonebook S. 55
Favorites		Touch to access the stored favorites Hands-free System → Favorites S. 56
Call logs		Touch to access the call logs Hands-free System → Call Logs S. 57
Call		Touch to pass the call from the hands-free system to the mobile phone or vice versa
Numeric pad		Touch to show the numeric pad Necessary in case asked to enter a further number during the call (telephone call center etc.)
Back		Touch to go back to the previous level

NOTE

To be able to use the phonebook or call lists without any problems, make sure that during the pairing process you confirm data access enable to the mobile phone. It is recommended to permanently confirm this on your mobile phone.

CONNECTION

Accepting/ending incoming calls

Via the ZENEC system

Function	Icon	Operation
Accept		Touch the green handset to accept the call
Reject		Touch the red handset to reject the incoming call
End		Touch the red handset to end the call

About the multifunction steering wheel

Function	Icon	Operation
Accept		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)
End		Device Quick Start Guide → Multifunction Steering Wheel (only if supported by vehicle and ZENEC system)

Call setup using numeric pad

In the footer touch the numeric pad.

Key in the desired phone number in full using the numeric pad. To set up the connection, touch . The display now changes to the call connection view.

Function	Icon	Operation
Numeric pad		Input field for entering numbers
Special characters		Touch to enter a Star Hold down to enter a Plus
Special characters		Touch to enter a hash symbol
Correction		Touch to delete the last digit Repeated touching to delete more digits Continue to hold down to delete the entire line entry

Call setup using phonebook

In the footer touch the phonebook.

From the phonebook list select a call partner and set up a connection by touching .

After touching a contact you will be directed to the contact details view.
Hands-free System → Phonebook → Contacts S. 55

> **NOTE**
> Depending on the mobile phone and phonebook entries, the first synchronization can take up to 35 min.

Conference call

A conference call enables you to accept a second call partner. This give the possibility of talking to the first or the second partner, during which time the other partner is muted.

The simultaneous hook-up of all partners is not possible.

> **NOTE**
> This function depends on the network provider and the mobile phone setting!

Function	Icon	Operation
Join		Touch to let an incoming partner join*
Change		If more than one call partner is connected, you can change between the two partners by repeated touching.

> **NOTE**
> *This icon appears only when a further external partner calls your mobile phone.

PHONEBOOK

Contacts

Fig. 3/03

After successful synchronization of the mobile phone with the hands-free system, you will have access to the phonebook and the call logs.

Function	Icon	Operation
Search		Touch to open the search window
Slider		Touch and hold, move up or down to search in the phonebook; the current letter of the alphabet will be indicated in the slider.
Contacts		Touch to go to the contact list. Up to 1000 contacts per paired mobile phone can be synchronized; it makes no difference whether the contacts are stored in the phonebook or on the SIM card.
Contact Type		Entry for mobile phone number Entry for private number Entry for business number Entry not identified
Call / Accept		Touch the green handset to setup the call

Favorites

Fig. 3/04

Here you have the facility to store and retrieve up to 8 phone numbers as favorites. You can select any of the phone numbers in the phonebook and save them as favorites; exceptions are are emails and addresses.

NOTE
All favorites are visible to every user as they are saved on the device.

Function	Icon	Operation
Stored Favorite	Name / Number	Touch to set up a connection with a stored favorite
Free Favorite		① Touch to add a new favorite
		② Select desired number from phonebook and confirm with ★
Delete		① Touch to remove a favorite
		② Touch the favorite you want to delete

NOTE
A change of data on the mobile phone will not automatically be applied in the Favorites. Should you want to change data such as phone numbers then you must also transfer it to the Favorites.

Call lists

Fig. 3/05

If a compatible mobile phone is coupled, the call lists from the mobile phone will be synchronized with the hands-free system (this process can take some minutes, depending on the number of contacts). Once synchronization has been successfully completed you will be able to access:

Function	Icon	Operation
All		Touch to see all calls
Missed		Touch to see the missed calls only

Function	Icon	Operation
Incoming		Entries with this icon refer to incoming calls
Contacted		Entries with this icon refer to outgoing calls
Missed		Entries with this icon refer to calls that you did not take

NAVIGATION

ABOUT THIS CHAPTER

This chapter describes how to operate and use the navigation function. This is only a quick guide; full details can be found in the Navigation User manual, available separately.

SAFETY INSTRUCTIONS

⚠ CAUTION

If the driver is distracted, this may cause an accident or injury. Operating the ZENEC system can distract attention from the general traffic situation! Equally, connecting, changing or inserting data media can distract the driver.

NOTE

Map updates can be carried out by visiting https://zenec.naviextras.com/shop/portal.

⚠ CAUTION

Route recommendations and displayed traffic signs of the navigation system may differ from the real situation. Traffic signs and traffic regulations have precedence over route recommendations and indications of the ZENEC systems.

⚠ CAUTION

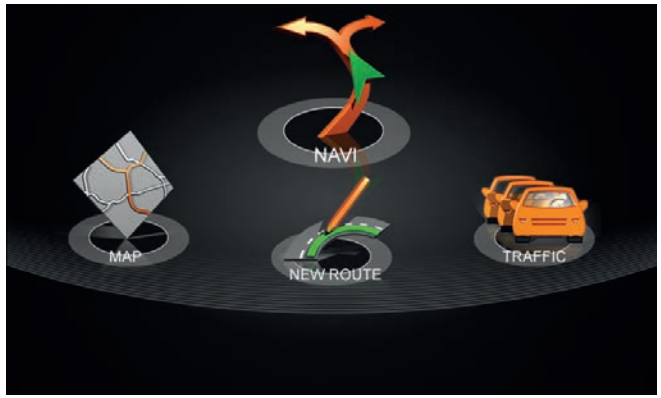
Speed data displayed in the navigation system corresponds to the permitted speed limit. Please adjust your speed and driving behavior to the prevailing visibility, weather, road, and traffic conditions.

BEFORE USING FOR THE FIRST TIME

- ✓ Always follow all the safety instructions of the vehicle manufacturer, and the instructions given in this user manual.
- ✓ Please pay attention to the safety instructions on the ZENEC system.
- ✓ SD card with appropriate map material must be inserted.
- ✓ Commissioning of navigation system completed (Sat-Fix, etc.)

  Device Installation Manual → Commissioning (www.zenec.com)

CONTENTS OF THIS CHAPTER



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Traffic
Overview ..... S. 63

NOTE

This user manual explains only the most important functions of the navigation system. Full details of the navigation functions can be found in the Navigation User manual, available separately.

Overview

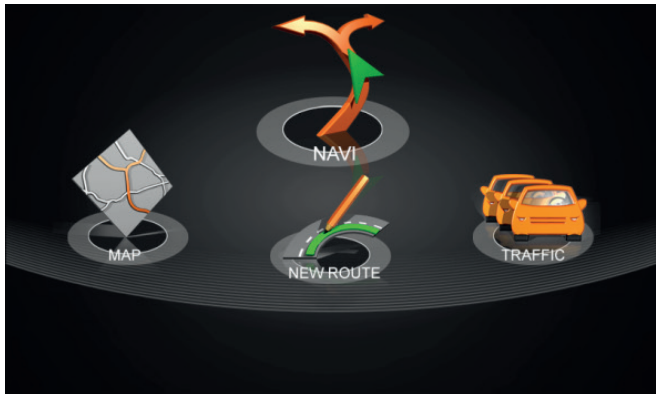

Fig. 4/02

Function	Icon	Operation
Map		Touch to go to the map view
New Route		Touch to go to the destination input
Traffic		Touch to go to the traffic report summary

Map

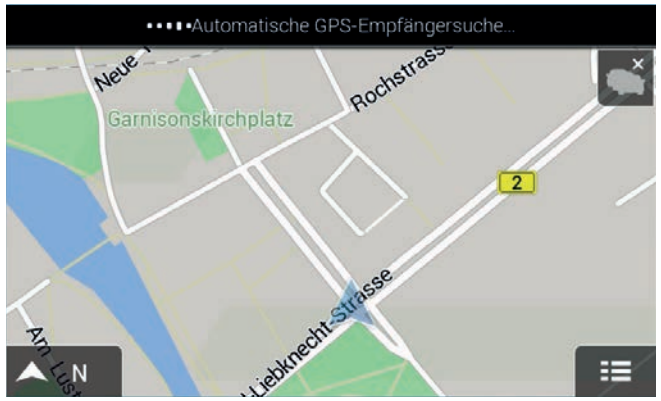

Fig. 4/03

In the map view you are given diverse information depending on the navigation status. Here we explain only the basic functions that are available to you, including those when the route guidance is disabled. To see a detailed explanation of all map functions there is a separate user manual on navigation.

Function	Icon	Operation
Traffic report		Touch to see the traffic report summary
Compass		Touch to go to the geo data view View of map orientation (direction of travel/North)
List		Touch to go to the control menu
Position		Current position of vehicle on the map

NOTE

For a full description see the Navigation User Manual included separately.

New Route

Fig. 4/04

In this view we explain an input option for navigating to a destination. All the options and functions are given in more detail in the Navigation User Manual, available separately.

Function	Icon	Operation
List		Touch to go to the control menu (see Fig. 4/03)
New Route		Touch to go to the address input
Input		Touch to enter a full address Touch to enter a POI address Touch to navigate to a stored address

Traffic

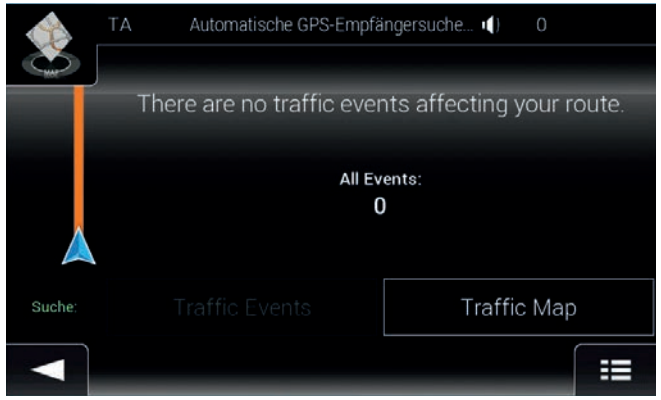

Fig. 4/05

This view presents you with information on road sections that are affected by traffic events. All the options and functions are given in more detail in the Navigation User Manual, available separately.

Function	Icon	Operation
No Report		No traffic announcements received (see Fig. 4/03 upper right corner)
Report not relevant		Touch to view received traffic announcements that are not on the active route (see Fig. 4/03 upper right corner)
Report relevant	+ 0:11	Touch to view received traffic announcements that are on the active route (the approximate delay caused by the event is also displayed)

NOTE

The broadcast of traffic announcements depends on different factors. Using the TMC function requires a radio stations, which broadcasts TMC signals.

SETTINGS

ABOUT THIS CHAPTER

This chapter describes all the parameter and setting functions of the ZENEC system. Please note that settings or changed parameters can have a direct influence on the everyday use of the ZENEC system.

In addition, all the equipment variants and functions of the ZENEC system are described, as well as optional equipment of the vehicle manufacturer that may not be included as standard in your vehicle. This section does not refer separately to such issues. Differences from this information, features or functions cannot be used for any claims.

SAFETY INSTRUCTIONS

⚠ CAUTION

If the driver is distracted, this may cause an accident or injury.
Operating the ZENEC system can distract attention from the general traffic situation! Equally, connecting, changing or inserting data media can distract the driver.

NOTE

All updates and bugfixes besides map material for navigation can be downloaded free of charge from www.zenec.com.

⚠ CAUTION

If you are using a password to protect your ZENEC system, ensure that this password is kept safe for future access.
There is a charge for unlocking the ZENEC system, which can only be done by ZENEC Service.

BEFORE USING FOR THE FIRST TIME

- ✓ Always follow all the safety instructions of the vehicle manufacturer, and the instructions given in this user manual.
- ✓ Please pay attention to the safety instructions.

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Setting sources

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Function	Icon	Operation
Tuner		Touch to access radio settings Device User Manual → Settings → Radio S. 67
Media		Touch to access sound and image settings User Manual → Settings → Media S. 68
Bluetooth		Touch to access hands-free system settings Device User Manual → Settings → Bluetooth S. 69-73
TFT		Touch to access display settings Device User Manual → Settings → TFT S. 74
Audio		Touch to access sound settings Device User Manual → Settings → Sound S. 75-84
Vehicle		Touch to access vehicle settings Device Quick Start Guide → CAR
Devices		Touch to access device settings Device User Manual → Settings → Devices S. 85

RADIO CONFIGURATION

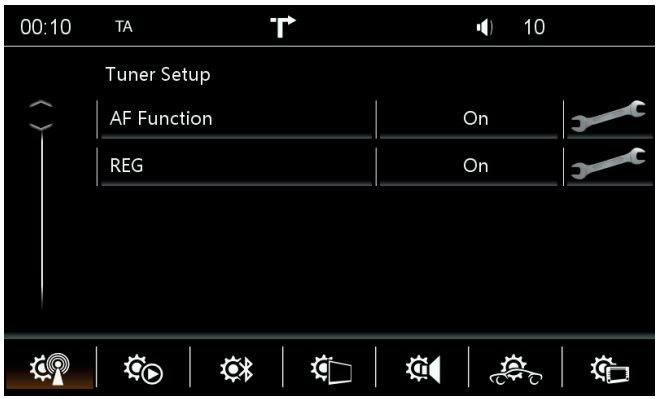


Fig. 5/03

Here you can make the settings for operation of the radio. To make the settings press the appropriate wrench icon. You will find an explanation of the abbreviations at the end of this user manual.

Overview

Function	Icon	Operation
Tuner configuration		Touch to access this view

Function	Icon	Operation
AF		ON/OFF
REG		ON/OFF

MEDIA CONFIGURATION

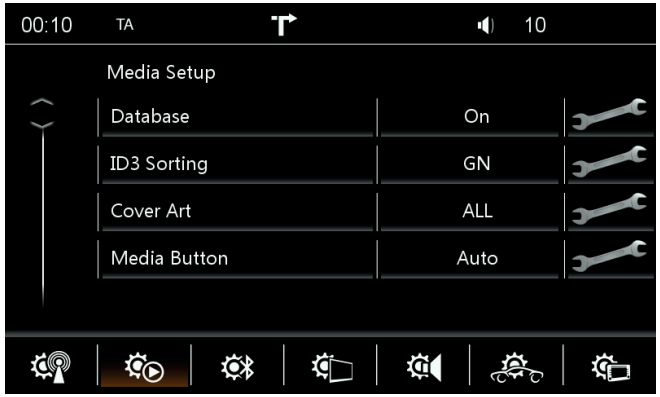


Fig. 5/04

Here you can make the settings for operation of the audio playback. To make the settings press the appropriate wrench icon. You will find an explanation of the abbreviations at the end of this user manual.

Overview

Function	Icon	Operation
Media configuration		Touch to access this view

Function	Icon	Operation
Database		ON = Gracenote support enabled OFF = Gracenote support disabled
ID3		GN = Gracenote sort ALL = User sort
Cover Art		GN = Gracenote sort ALL = User sort
Media Icon		Button assignment MEDIA (Auto/USB/SD/DVD/iPod)

NOTE

If none or not all the music titles of your external media are displayed, please set the ID3 and Cover settings to ALL.

BLUETOOTH CONFIGURATION

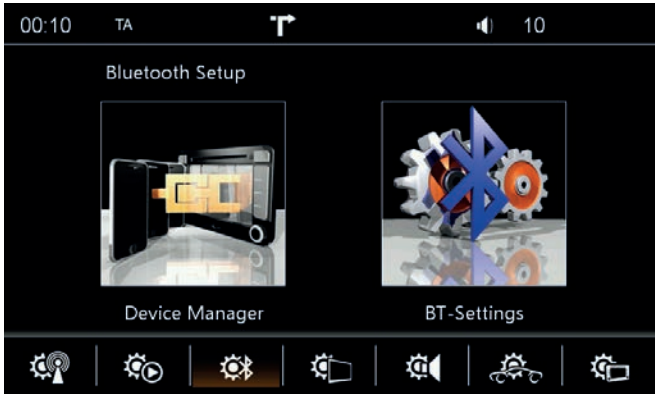


Fig. 5/05

Here you will find all the options for Bluetooth management and settings. A description is also given on how to pair and remove Bluetooth devices. You will find an explanation of the abbreviations at the end of this user manual.

Overview

Function	Icon	Operation
Bluetooth configuration		Touch to access this view

Function	Icon	Operation
Device Manager		Touch to pair, disconnect, or manage mobile devices Settings → BT Configuration → Devive Manager S. 70
BT Settings		Touch to change settings for BT operation Settings → BT Configuration → BT Settings S. 73

Device Manager

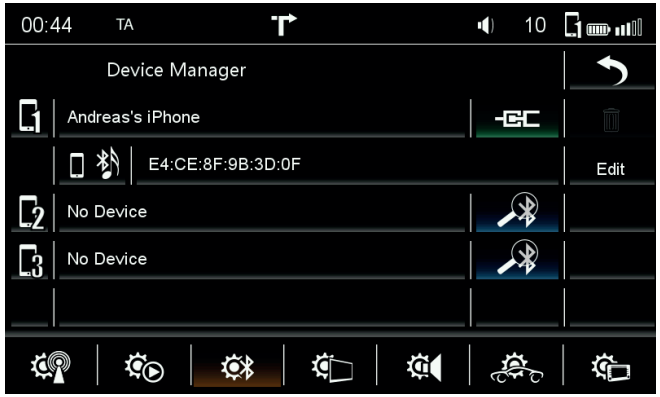


Fig. 5/06

The pairing process requires the BT function on the end device to be enabled. Please also take note of the instructions of the device manufacturer on the pairing of devices.

Function	Icon	Operation
Device Manager		Touch to access this view

Function	Icon	Operation
Search		Touch to search for a new Bluetooth device (not possible if two devices are connected)
Pair		Touch to reconnect a paired Bluetooth device
Disconnect		Touch to disconnect a paired Bluetooth device
Delete		Touch to delete a Bluetooth device from the list (requires the device to be disconnected)

Icon	Meaning
	This icon indicates that the paired Bluetooth device supports HSP/HFP, and can be used via the hands-free system. Hands-free System S. 49
	This icon indicates that the paired Bluetooth device supports A2DP, and can be used via the audio player. Settings → BT Configuration → BT Settings S. 73

Pairing

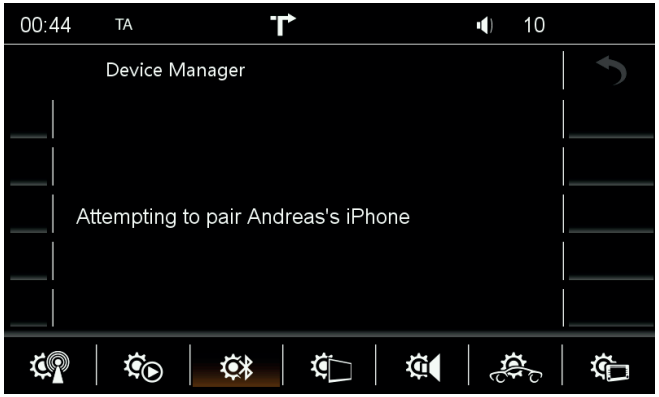


Fig. 5/07

Via the ZENEC system

Function	Icon	Operation
Search		Touch the magnifying glass to initiate a search for BT devices. From the list select the desired mobile device that you want to synchronize with the ZENEC system. After selecting follow the instruction of the ZENEC system.
Code		Standard Code*: 1 2 3 4

NOTE

*For mobile devices that do not support the SSP standard.

Via the mobile device

Function	Icon	Operation
Search		Make sure that the ZENEC system is in Device Manager view otherwise the ZENEC system will not be visible to others. Follow the instructions of the device manufacturer on pairing.

Auto Connect

Once a mobile device has been connected with the ZENEC system, it will be automatically paired when the ZENEC system is started. On being briefly disconnected the ZENEC system will attempt to establish a new connection.

NOTE

On pairing for the first time, be sure to permanently enable the connection confirmation on your mobile device, otherwise malfunctions may occur during the Auto Connect process.

Device names

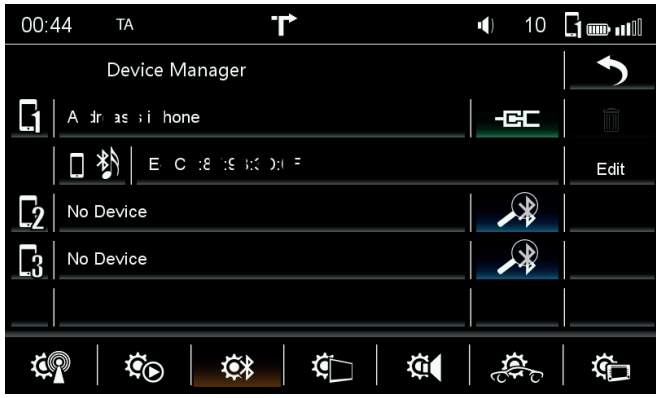


Fig. 5/08

Change the name of the mobile device displayed in your ZENEC system (e.g. "Mobile phone John Smith")

Function	Icon	Operation
Device name	Edit	1. Touch the name to be changed from the list. 2. Touch EDIT to open the keypad. Edit the name as you wish, and then save. This name is only changed in the ZENEC system: in the mobile phone the existing name is not changed.

NOTE

The original device name of the mobile device is not changed. The name you enter here is only displayed in the ZENEC system.

BT SETTINGS

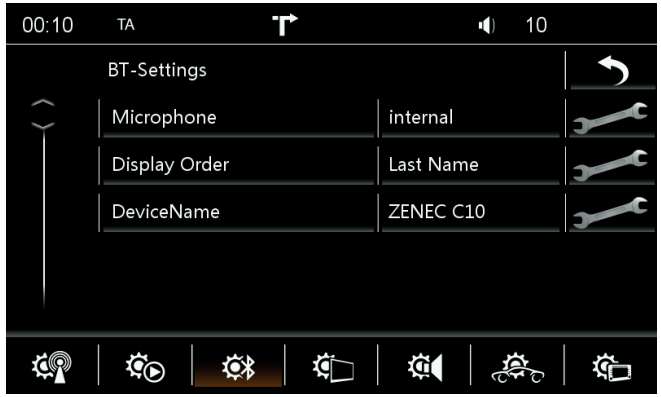


Fig. 5/09

Here you can make the settings for Bluetooth operation. To make the settings press the appropriate wrench icon.

Overview

Function	Icon	Operation
BT Settings		Touch to access this view

Microphone

Function	Icon	Operation
Microphone		Internal = inside device External = only if installed

Sort

Function	Icon	Operation
Name		1: by first name 2: by surname

Device name

Function	Icon	Operation
Nickname		Here you can rename the ZENEC system. The name you enter here is displayed on the mobile devices.

TFT CONFIGURATION

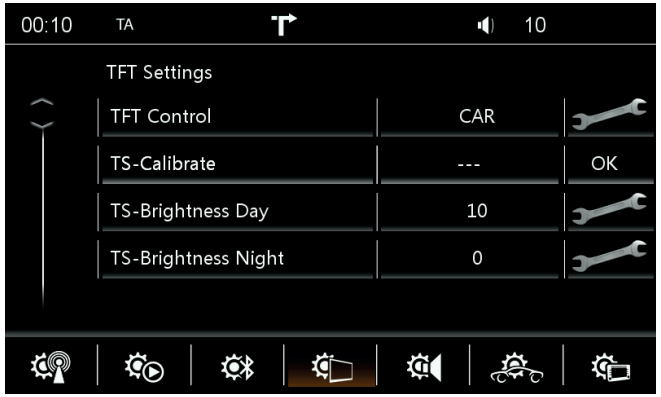


Fig. 5/10

Here you can make the settings for the display. To make the settings press the appropriate wrench icon.

Overview

Function	Icon	Operation
TFT Configuration		Touch to access this view

Function	Icon	Operation
TFT Settings		Touch to select the brightness control: Navi = Brightness setting Day/Night is controlled by the navigation system. Car = Brightness setting Day/Night is controlled by the vehicle.
TS Calibration	**OK**	Touch to recalibrate the TFT (follow the instructions on the screen).
TS Brightness Day		-10 < > +10
TS Brightness Night		-10 < > +10

NOTE

Using the DISP button you can set the display brightness to three levels (↻ 100% → 50% → 0% ↺).

AUDIO CONFIGURATION

Fig. 5/11

In this menu you can make all the settings to do with audio output. Please remember that all the settings you make here will have a direct influence on the sound in your vehicle.

Overview

Function	Icon	Operation
Audio configuration		Touch to access this view

Function	Icon	Operation
Loudspeaker system		Touch to make general audio settings Settings → Audio Configuration → Loudspeakers S. 76
Audio setting		Touch to make audio DSP settings Settings → Audio Configuration/Audio Settings S. 79
Presets		Touch one of the presets to apply this profile Settings → Audio Configuration → Profile S. 84

LOUDSPEAKER SYSTEM

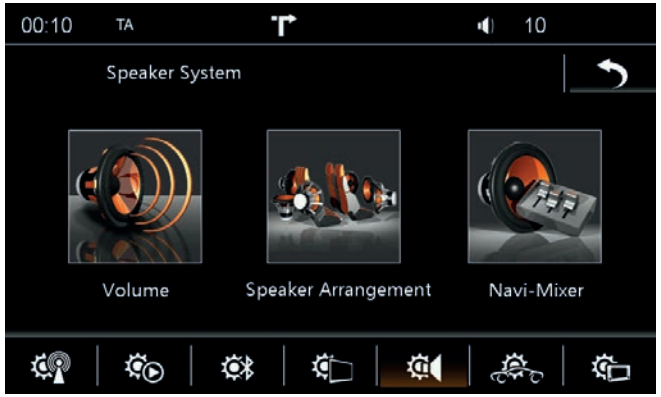


Fig. 5/12

Function	Icon	Operation
Loudspeaker system		Touch to access this view

Function	Icon	Operation
Volume		Touch to set initial and normal volume levels Loudspeaker System → Volume S. 77
Loudspeaker setup		Touch to make general loudspeaker system settings Loudspeaker System → Loudspeaker Setup S. 78
Navi mixer		Touch to set the navigation voice outputs Loudspeaker System → Navi-Mixer S. 78

Volume

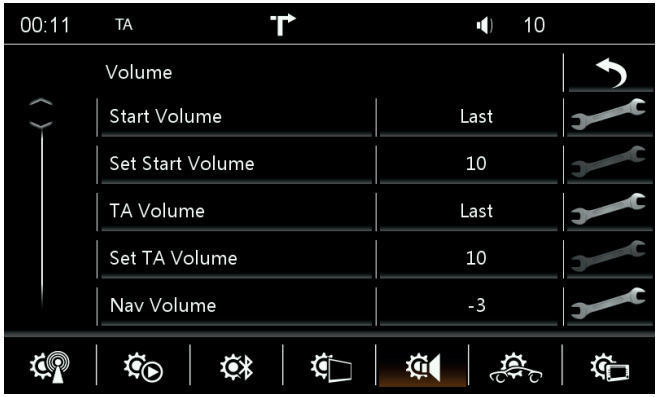


Fig. 5/13

In this menu you can adjust the normal volume of the sources.

Function	Icon	Operation
Initial Volume		Setting = manually adjusted volume Last = last volume set before switching off
Adjust Initial Volume		This setting can only be made if the upper setting is at SET. 0< >+40
TA volume		Setting = manually adjusted volume Last = last volume set
Adjust TA Volume		This setting can only be made if the upper setting is at SET. 0< >+40
Navigation Volume		-9< >+3
Tuner		-9< >+3
CD/DVD		-9< >+3
USB/iPod		-9< >+3
A/V In		-9< >+3
Camera Mic.		-9< >+3

Loudspeaker setup

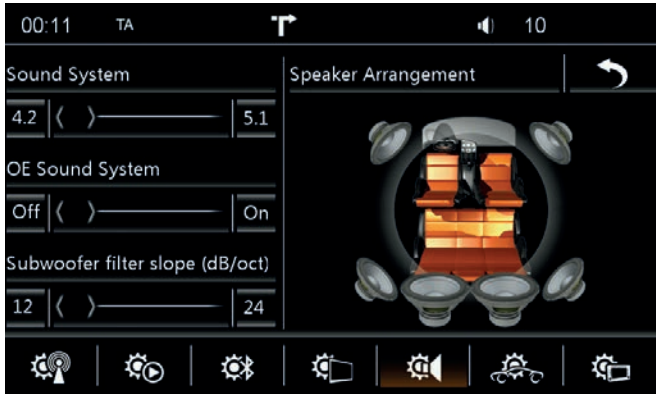


Fig. 5/14

In this menu you can make the settings for the loudspeaker system. Please note that the settings you make here will have an affect on the sound. You can reset them at any time using the preset profile.

Function	Icon	Operation
Sound system		4.2 = 4 channel speaker system (+ 2 subwoofer) 5.1 = 5-channel speaker system (+ 1 subwoofer)
OE Sound system		On = Sound system installed by the vehicle manufacturer (DSP functions are partly disabled) Off = ZENEC DSP functions fully enabled
Subwoofer filter		12 dB filter 24 dB filter

Navi-Mixer
(no picture)

In this menu you can make the sound setting of the navigation output. Please note that other settings can be made in Setup in the navigation system .
Navigation User Manual → Settings

Function	Icon	Operation
Mute		ON = Voice output mutes media playback OFF = Volume of media playback reduced
Audio output		Driver = only at driver's speaker Front = only at speakers front left and right

AUDIO SETTINGS

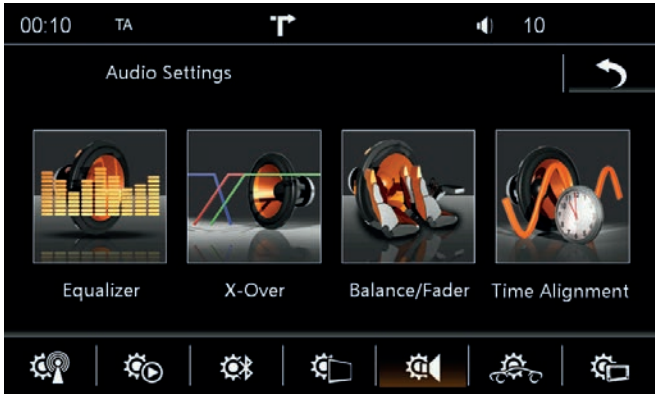


Fig. 5/15

Here you have the option of adjusting the sound profile optimally to your vehicle. The setting options described in this section for parametric equalizing, crossover setting, and time delay correction have great influence on the sound in your vehicle. To achieve an improvement in the acoustic playback by using the correct settings presumes a certain amount of background knowledge. If you do not have background knowledge about digital signal processors, gain settings, time delay differences, and Q-factors, you should perhaps avoid making settings yourself. Instead make use of the vehicle presets to quickly and easily find a suitable standard setting for your vehicle.

Function	Icon	Operation
Equalizer		Touch to set the 11-BAND equalizer Audio Settings → Equalizer S. 80
X-Over		Touch to make settings for the crossover Audio Settings → X-Over S. 81
Fader/ Balance		Touch to set fader or balance Audio Settings → Fader/Balance S. 82
Time Delay Correction		Touch to make the time delay correction for individual speakers Audio Settings → Time Delay Correction S. 83

Equalizer

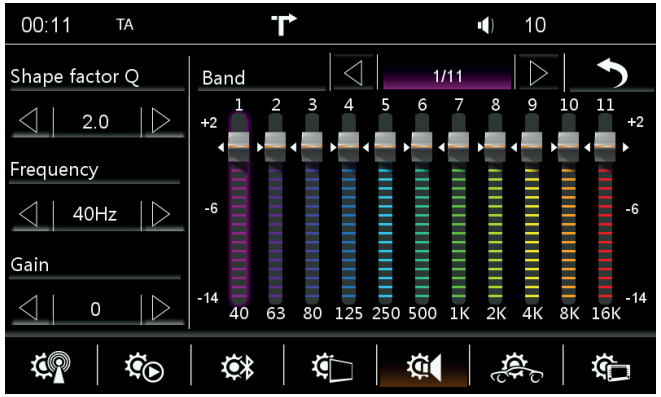


Fig. 5/16

In this menu you can make the settings for the playback frequency response.

Function	Icon	Operation
Shape factor Q	◁ ▷	Touch to set the quality of the filter for the chosen band (1= wide, 5 = narrow) 1 < > 5
Frequency	◁ ▷	Touch to set a filter frequency for the selected band (each band adjustable in 7 steps)
Gain	◁ ▷	-14 < > +2
Band	◁ ▷	Touch to select the desired BAND
		Touch and hold to change the setting of the selected band

NOTE

The sound setting options are explained in a user manual included separately.
Device Quick Start Guide → Basic Operation → Sound Setting

X-Over

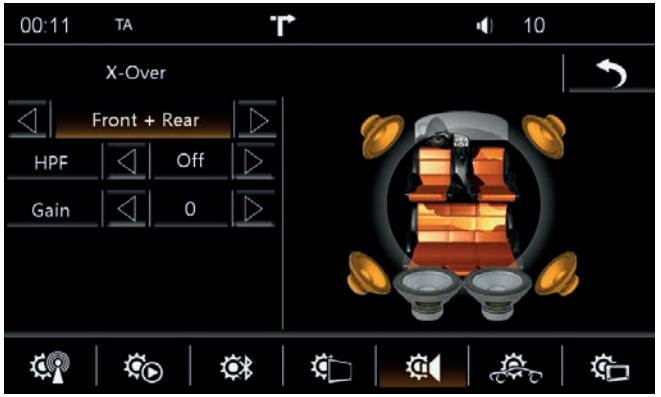


Fig. 5/17

In this menu you can make the settings for the crossover frequency of individual channel groups.

Function	Icon	Operation
Loudspeaker Group	◁ ▷	Selection of speaker group you want to set Front + Rear/Subwoofer/Center (5.1 setting only)
HPF	◁ ▷	Touch to set the high pass filter Off (FLAT)/63 Hz/80 Hz/100 Hz/125 Hz
LPF	◁ ▷	Touch to set the low pass filter Off (FLAT)/63 Hz/80 Hz/100 Hz/125 Hz
Gain	◁ ▷	Touch to set the GAIN of the selected loudspeaker group -6 < > 6
Phase		SUBWOOFER ONLY 0/180°
ON/OFF		SUBWOOFER ONLY ON = speaker as per setting OFF = mute

Balance/Fader

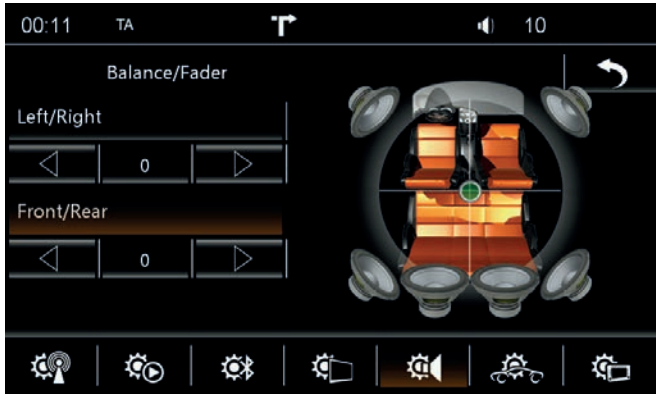


Fig. 5/18

In this menu you can make the settings for the balance between the speakers in the vehicle.

Function	Icon	Operation
Left/Right	◁ ▷	6L > < 0 > < 6R
Front/Rear	◁ ▷	6F > < 0 > < 6H
Crosshair		Touch at the desired position

Time Delay Correction

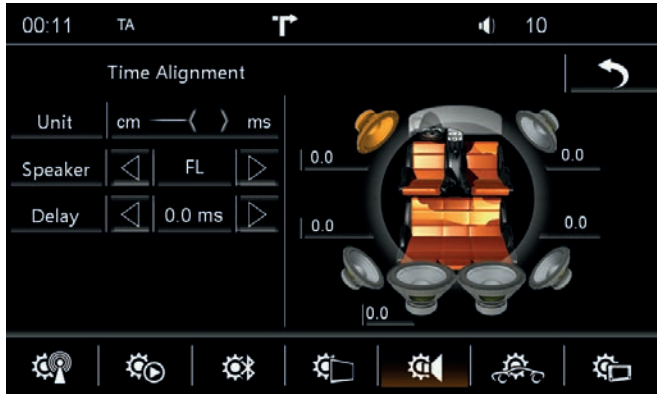
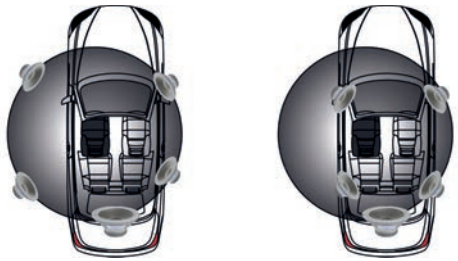


Fig. 5/19

In this menu you can set the time delay correction for the loudspeakers in your vehicle.

Function	Icon	Operation
Unit	◁ ▷	Selection of desired unit ms = time cm = distance
Speaker	◁ ▷	Touch to select the desired speaker (FL/FR/HL/HR/SUBW/CNTR)
Delay	◁ ▷	ms = 0.0 < > 8.9 ,0.1 ms steps cm = 0 < > 305 ,ca. 3 cm steps

The distance between the ears and the speaker system installed in the vehicle varies considerably due to the complex arrangement of the individual speakers. This menu gives you the option to delay the audio signal at each of the speakers so that you have a central auditory sensation.



PROFILES

Presets

The six preset profiles offers you a quick and easy way of tuning the sound to your vehicle.

Function	Operation
Profiles	Touch to select one of the profiles User/Flat/Subcompact/Compact/Sedan/Station Wagon/Van SUV/Convertible

Profile	Description
	User If you alter the values of the sound settings the system switches to the profile User.
	Flat This centers all the settings back to a neutral position.
	Subcompact Use this setting, if you drive a subcompact car.
	Compact Use this setting, if you drive a compact car.
	Sedan Use this setting, if you drive a vehicle with a notchback.
	Station Wagon Use this setting, if you drive a vehicle with an open trunk in the passenger compartment.
	Convertible Use this setting, if you drive a vehicle with an open roof.
 	VAN/SUV Use this setting, if you drive a vehicle with three rows of seats (VAN) or a large interior (SUV).

DEVICE CONFIGURATION

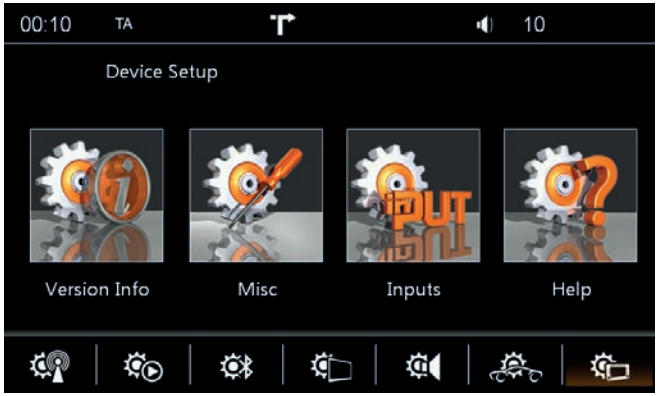


Fig. 5/20

Overvi

Function	Icon	Operation
General		Touch to access this view

Function	Icon	Operation
Version info		Touch to access current system information Setup → General → Version S. 86
Diverse		Touch to make basic settings Setup → General → Diverse S. 87
Input		Touch to access image settings of external sources (camera/AV-IN…) Setup → General → Input S. 88
Help		Touch to make system settings Setup → General → Help S. 89

Version info

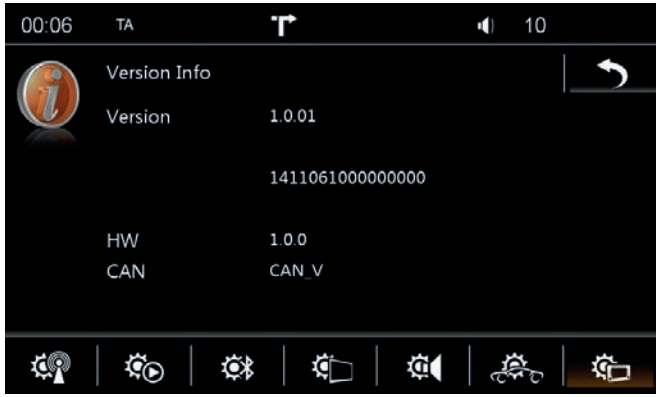


Fig. 5/21

Function	Icon	Operation
General		Touch to access this view

Function	Icon	Operation
Version		Displays the current system information
Info		Touch to access detailed information

Diverse

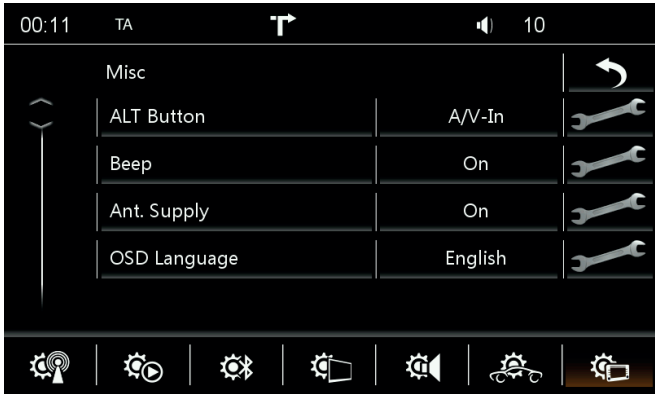


Fig. 5/22

In this menu you can set the menu language, button assignments, and make other settings for the ZENEC system.

Function	Icon	Operation
General		Touch to access this view

Function	Icon	Operation
ALT Button		Touch to define the source assignment of the ALT button (CAM/Quick EQ/SmartLink/AV-IN/USB/iPod/DVD)
Button Sounds		Off = acoustic acknowledgment disabled Off = acoustic acknowledgment enabled
Ant. Power		Off = antenna phantom power disabled On = antenna phantom power enabled
OSD Language		Touch to change the menu language

INPUT

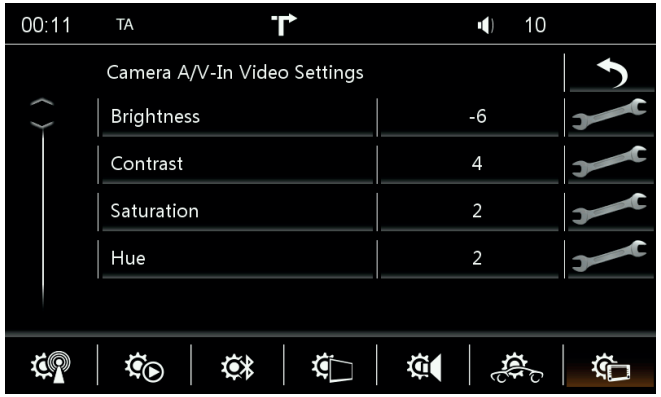


Fig. 5/23

In this menu you can adjust the image settings of the connected video sources (e.g. camera).

Function	Icon	Operation
General		Touch to access this view

Function	Icon	Operation
Brightness		-10 to +10
Contrast		-10 to +10
Saturation		-10 to +10
Hue		-10 to +10

HELP

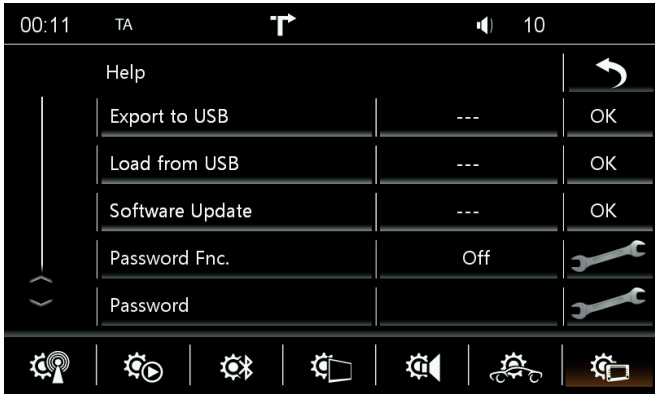


Fig. 5/24

In this menu you can perform various actions from password protection to factory setting.

Function	Icon	Operation
General		Touch to access this view

Function	Icon	Operation
Factory setting	**OK**	Touch and confirm to reset the ZENEC system to the same state as when it was shipped.
Save on USB	**OK**	Touch and confirm to save your profile settings in the ZENEC system on external data media (USB). (FAT32 formatting)
Load from USB	**OK**	Touch and confirm to load your saved profile settings from external data media (USB) into the ZENEC system.
Software Update	**OK**	Touch and confirm to carry out a software update. www.zenec.com → Support → Software-updates
Password Prot.		Off = password protection disabled On = password protection enabled
Password		Touch and confirm to store a password*.

NOTE

*Please take note of the instructions in the Device Quick Start Guide on the subject of anti-theft protection.

GENERAL

ABBREVIATIONS

Abbreviation	Description
A/V-IN	Input option for audio/video signal sources (serial input)
A2DP	Manufacturer-independent Bluetooth® technology allowing audio signals to be transmitted (Advanced Audio Distribution Profile)
AC-Control	Visual status information about the air conditioner
AM	Transmission standard for terrestrial reception of medium wave analog radio (MW)
AUX	Input option for any audio signal source (Auxiliary Input)
CAN/Stalk	Specific communications adapter for connection to a CAN bus using an IF interface
CAN-Bus	The CAN bus (Controller Area Network) is a serial bus system for the communication of control units in a vehicle
DAB / DAB+	Transmission standard for terrestrial reception of digital radio (Digital Audio Broadcasting)
DSP	The digital signal processor is used for the processing of digital signals (e.g. audio or video signals)
DVB-T	Transmission standard for terrestrial reception of digital video (Digital Video Broadcasting)
DVD	Digital Video Disc
EQ	Equalizer
FAT32	Formatting format for digital media (File allocation table 32-bit)
FM	Transmission standard for terrestrial reception of very high frequency analog radio (UKW)
GPS	Global navigation satellite system for position fixing (Global Positioning System)
GSM	Global mobile radio network standard for fully digital mobile radio networks (Global System for Mobile Communications)
ID3-Tag	ID3 tags mean meta data, which could be included together with the MP3 format.
MFL	Multifunction steering wheel
microSD	Compact flash memory
MLT	"More Like This" is a Gracenote function
Mood	Playlist generated based on the mood you want to create (100 mood styles)
M-Zone	Interface for a rear seat infotainment system (Rear seat entertainment)
OPS	Visual and acoustic parking system
P.O.I.	POIs are geo-objects that have significance in the navigation system. For example: places to eat, places to stay, filling stations, cash machines, and parking blocks
REG	Regional station
RFK	Rear-view camera
SSP	Secure Simple Pairing (for Bluetooth devices)
TMC/TMC Pro	Reception of messages about disruptions to traffic in digital form. Modern navigation systems can process TMC to generate detour routes around traffic tie-ups and obstructions (dynamic route guidance).
USB	A USB connection is a serial bus system for connecting a device to other devices (Universal Serial Bus).
XVID	XVID is the most popular container format. Over 90% of present-day AVI files are encoded with Xvid.

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